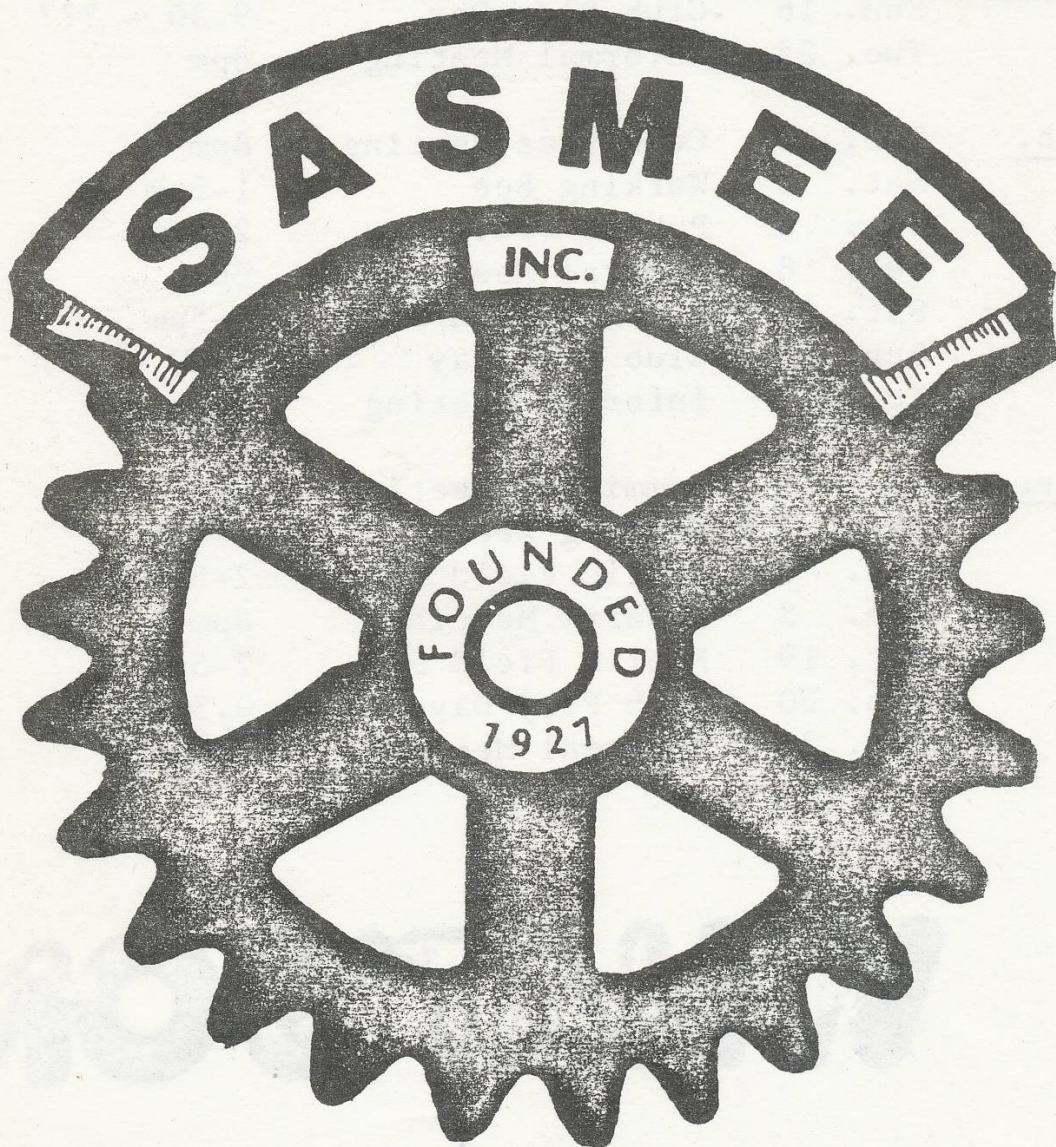


**SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS**

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SASMEE BULLETIN

**THE OFFICIAL JOURNAL
OF
THE SOUTH AUSTRALIAN SOCIETY OF
MODEL AND EXPERIMENTAL ENGINEERS**



DEC 82 TO FEB 83

ISSN-0158-3700

What's on at SASMEE

<u>Dec.</u>	Sat. 4	Working Bee	1-5pm
	Sun. 5	Public Field Day	2-5pm
	Tues. 7	Committee Meeting	8pm
	Sun. 12	Xmas Party and Club Play Day	9.30 - ???
	Tues. 14	General Meeting	8pm.
<u>Jan.</u>	- Sun 2	Public Field Day	2-5pm
	Tues. 4	Committee Meeting	8pm
	Tues. 11	Play Night	5.30 - ???
	- Sat. 15	Public Field Day	2-5pm
	Sun. 16	Club Play Day	9.30 - ???
	Tue. 25	Informal Meeting	8pm
<u>Feb.</u>	Tue. 1	Committee Meeting	8pm
	Sat. 5	Working Bee	1-5pm
	Sun. 6	Public Field Day	2-5pm
	Tue. 8	General Meeting	8pm
	Sat. 19	Public Field Day	2-5pm
	Sun. 20	Club Play Day	9.30 - ???
	Tues. 22	Informal Meeting	8pm
<u>Mar.</u>	Tue. 1	Committee Meeting	8pm
	Sat. 5	Working Bee	1-5pm
	Sun. 6	Public Field Day	2-5pm
	Tue. 8	General Meeting	8pm
	Sat. 19	Public Field Day	2-5pm
	Sun. 20	Club Play Day	9.30 - ???
	Tue. 22	Informal Meeting	8pm.

WHAT'S ON

CHRISTMAS PARTY

The annual get together for members and their children will be held on Sunday 12th December with Santa Claus due to arrive around the 3 p.m. mark. To ensure that sufficient goodies will be available for the children, could members record the numbers attending on the Christmas Party Register located in the Clubhouse. Members are reminded that its a BYO function, and if you don't have your own gas BBQ, there should be some that can be shared.

Look forward to seeing you.

CHARITY FIELD DAY - MARCH 13TH, 1983

The Multiple Birth Association Inc. requested and was granted a Charity Field Day on Sunday 13th March. We trust that this day will be of benefit to us both, and urge all members to attend this Field Day especially the boat boys.

AALS CONSTITUTION

Much discussion has taken place on the AALS Constitution as presented at the last Convention. At the September General Meeting it was resolved that SASMEE considers that the Constitution is not warranted and we would not support its adoption at the next Convention.

SPECIAL PUBLIC FIELD DAY SUNDAY 2ND JANUARY.

Members are advised that we will again have a Public Field Day on Sunday 2nd January.

Last year's attendance at the special Field day resulted in an outstanding financial success and we trust it will be likewise this year. Please keep this day free.



KEEPIN' TRACK



The Sick List.

Harry Gibbs has been on the Sick List now for some time. It is pleasing to report that Harry is making a slow recovery and we trust it won't be long before we see Harry and his Tich in steam at SASMEE.

Sandra Fitton has been hospitalised for treatment. We wish Sandra a speedy recovery.

Good to see Vic Thrum back again after another stint in hospital, taking it easy has resulted in Vic completing a hull for a sailing boat.

Wally Brownlow has mentioned a problem with his ticker, a few visits to the Doc have not as yet resulted in hospitalisation, let's hope the trouble goes away Wal.

WELCOME

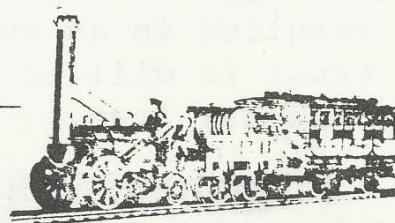
We welcome to SASMEE the following new members -

Michael Duane has for many years built model aircraft, and now has expressed a desire to build a Loco. Michael is a Fitter and Turner by trade.

Russel Vaux is employed by the STA as a Tram Driver. He has modelled in HO and N gauge and wishes to build a Loco.

Andrew Parrott joins as a Student member.

Wayne Martin joins as a junior member, Wayne's application was mislaid and recently found in a spring cleaning operation. Wayne is seen often at SASMEE and has a Radio Controlled boat. Sorry Wayne for not acknowledging your membership earlier.



Merry Christmas

Have read that John Norris, long time activist with the Mile End Railway Museum and the Lake Goldsmith Steam Preservation Society is leaving Adelaide and is off to Lake Goldsmith. John will be taking with him the 18" gauge 0-4-2 Juliet which has thrilled many visitors to the Mile End Museum. The Juliet will now run on an extensive layout at Lake Goldsmith.

The Mile End Museum is constructing a replacement 0-4-2 18" gauge steam loco, having a marine type boiler of 105 psi, 16½" driving wheels and 4½" x 7" cylinders. Approximate length will be 8'6" and its width 2'6". We look forward to seeing it in operation.

Neville Watts and son Kurt have been busy constructing an electric powered bicycle. Two batteries provide the electromotive force to a small generator. It works quite well. Another project of Neville's is the conversion of a Renault 16 to electric power. Neville has fitted a motor from an electric fork lift onto the gearbox and is now finalising the controlpanel. This is an interesting exercise that we would all like to know more about, so lets hope we will see the completed project in the near future.

Bert Francis has sold his amazing electric loco 'Bertie' to Allan Lewis. There is no doubt as to the amount of loving care and attention Allan will give to 'Bertie'.

Good to see Brad Brady back around SASMEE after spending some time Interstate on various Army courses. Let's hope we will see some progress with his loco?



Let's talk about

Christmas/New Year at SASMEE

Members are reminded that the facilities at SASMEE are available to members over the holiday period. Keys to the grounds may be obtained from any member of the Committee.

For some years now we have not had a formal general meeting on the 2nd Tuesday of January, so again we invite members to bring their boats, loco's and BBQ's on the evening of Tuesday 11th and have a play night. The grounds should be open around 5.30 p.m.

After the special Field Day on Sunday 2nd January, we invite all members and their families to join in an evening BBQ.

The Verdun Foundry

Mr. Paul Westra in association with Fred Gold, has now established a Foundry on the Mt. Barker Road at Verdun, situated in a red building at the turnoff to Woodside just prior to Hahndorf. They have a 100 lb capacity, pouring everything other than steel.

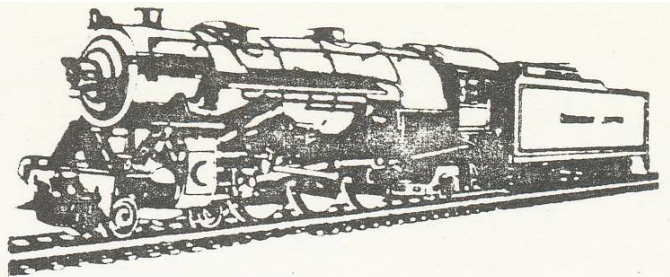
Jobs can take around 10 days and the approximate cost for Cast Iron is \$1.50 per lb, or a 7½ gauge wheel about \$15.00, which is more than favourable. They will specialise in our needs, but will need to discuss the job, examine the patterns before undertaking the job.

Fred can be contacted at 386 2446 and Paul 388 7712.

Statistics are like bikinis - what they reveal is interesting, what they conceal is vital,
or there are lies, dammed lies
and statistics.

5





Quite an impressive Record

Fred Gordon must now hold a record as to the number of copper boilers he has put together. During the past years Fred has been the Master of Ceremony at the joining together of the following boilers.

Keith Besley's	500 Mountain Class
Phil Waugh's	620 and Carabou
Peter Denholm's	Maisie
Colin Cook's	Tich.
Hugh Whisson's	Evening Star
Ted Fuller's	Traction Engine

not forgetting Fred's own Simplex.

Fred's help and assistance truly reflects the wonderful spirit of co-operation and brotherhood that prevails at SASMEE.

Fred's comment when his contributions have been noted, is that he has done it in appreciation for what other members have done for him.

Thanks Fred.

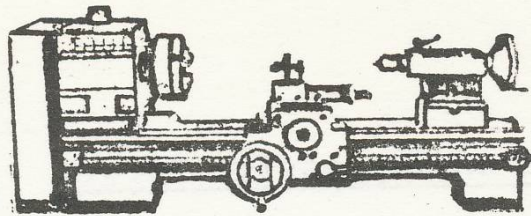
7½-5in Ground Level Track.

With some 3 months use the ground level track is proving highly successful and practical. Compressed air and water will shortly be available in the steamup bays, and Phil Waugh has started on the Station. The area around the Club House has been fenced off.

Have noted many favourable comments on the points, they are a delight to drive over.

There is a lot more work to be done, and the Track Committee is eager to recruit some more volunteers. Each Sat. afternoon they toil laboriously onward, can you help ???





The Annual SHOW of WORK

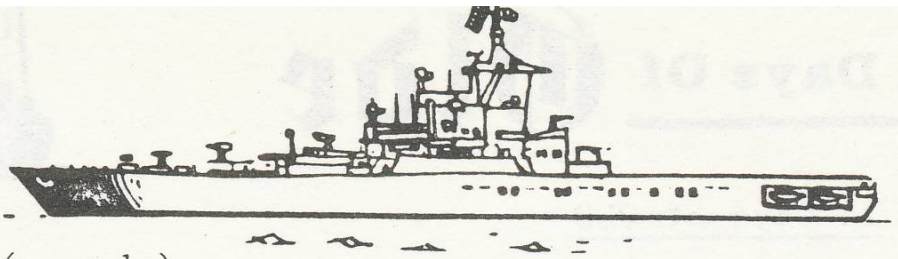
Once again we have proved that the highlight of our activities at SASMEE Is our annual SHOW of WORK and indeed it proved to be most inspiring, stimulating, motivating and of course interesting. Some had said they had not seen a finer collection of work. BOB NASH brought down from Broken Hill his gigantic 4.8.4. 7 $\frac{1}{4}$ loco which undoubtably was the most captivating. What a sight it will be when completed. Accompanying Bob from Broken Hill was Max Blackwell bringing with him his fine 3 $\frac{1}{2}$ Virginia and his partially completed 4.8.4 3 $\frac{1}{2}$ gauge miniature of Bob Nash's loco. The LBSC Virginia is proving to be a popular loco for all gauges. Along with Max Blackwell's on display was Alec Bradley's almost completed 5" Virginia and the frames and wheels of Allan Websters 7 $\frac{1}{4}$ Virginia. Ian Clark who is making a modified Virginia in 7 $\frac{1}{4}$ gauge had his wheels on display.

Hugh Whisson had on display his superb gauge 1 Evening Star plus his almost completed 3 $\frac{1}{2}$ Evening Star. Hugh's workmanship is nearing the ultimate in excellence and with the boiler ready for pressure test we look forward to seeing it in steam.

John Gordon's 5" Rx is looking great and is going to be an impressive locomotive.

Ralph Skewes bought along his 5" freelance Mikado, it is much longer than imagined, it's been in steam and Ralph has only to finish off the tender. Alf Boyley had on display the frames and various components for his Hielan Lassie. Jim Degtardi had with him some beautifully machined components for his 5" gauge C36.

Bill Coles 3 $\frac{1}{2}$ Mountaineer is an extremely fine Loco with superb workmanship. Except for the steel boiler it seems to be all there, won't be long now Bill. Colin Cook had his re-boilered 3 $\frac{1}{2}$ Tich on show. Lindsay Hope brought along his nearly completed 830 diesel, and Jeff



Show of Work (contd.)

Schaefer had his '1831' proudly on display and very much admired by all.

Paul Griscti had on display some superb models of agricultural machinery, talking to Paul he indicated that he is shortly to commence building a working model of the Shearer Steam Car. Paul's principle interest is modelling early agricultural machinery.

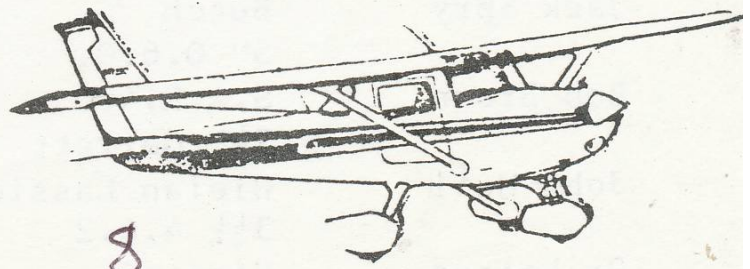
Jack Mell had on show a very well engineered multi size die holder, hope Jack will do a drawing for us to put in the next Bulletin.

Bob Scanlon had on display his partially completed tool and cutter grinder, Bob had done a great job and if I recall correctly it is totally fabricated without any castings.

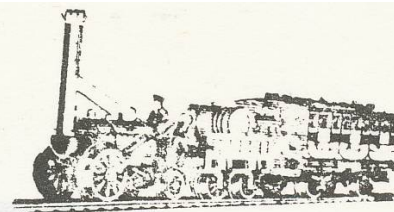
To those members who had their work on show we would like to offer our thanks and appreciation.

During the day there was much activity on both the ground and elevated tracks. I trust I have not overlooked any other work on show, congratulations to you all, there was a considerable degree of excellence and Inspector Meticulous would truly be proud.

*Best wishes
for Christmas and
the New Year*



In Days Of **Olde**



In Days of OLD

Just happened to find an old issue of the SASMEE Bulletin for a period during 1968.

It was of great interest and many of the members mentioned are completely unknown to us recent members.

The following article, WHAT'S IN THE ERECTING SHOP.

Fred Morcom	Maid of Kent 5" 4.4.0	Frames, wheels, cyl & motion completed.
Ian Clark	N.S.W. 217 5" 4.4.0	Wheel patterns plus small parts
Morrie Turner	S.A.R. 5" 4.8.4.	Tender and chassis well advanced.
Alec Bradley	Caribou 5" 0.8.0.	
Owen Thomas	Vulcan 5" 0.6.0.	On the drawing board
Dave Worrell	Netta 5" 0.8.0.	Frames and wheels completed
John Wakefield	Caribou 5" 0.8.0.	Tender, frames and wheels completed
John Welch	Jubilee 5" 2.6.4.	Chassis etc. complete, boiler ready for S/S
John Davey	Maisie 3½" 4.4.2	Tender and frames
Fred Hercus	S.A.R. Rx 5" 4.6.0	Completed and ready for testing.
Ralph Excell	Butch 5" 0.6.0.	Chassis completed
Charles Hill	Britannia 3½" 4.6.2	In paint shop, in steam runs well
Jack Spry	Butch 5" 0.6.0.	
Bob Brown	S.A.R.400 2½" Garrett	Nearing completion
John Mell	Hielan Lassie 3½¼ 4.6.2	Tender, chassis completed boiler near finished
Dr.Laired	Virginia 4.4.0	Boiler and chassis complete.

Let's talk about

COMING EVENTS OF INTEREST

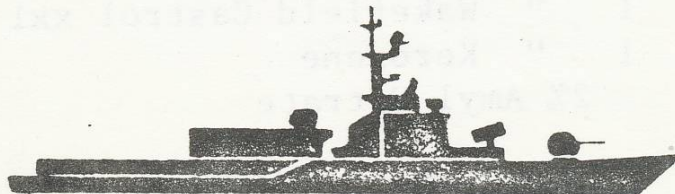
The AALS Easter Convention is to be held at Weapons Research, Salisbury during the April Easter Holiday break. We trust that registration material will be shortly available.

The Diamond Valley Railway is planning a 7½ gauge 'Steam Up' at Eltham during the 1983 September School Holidays. We look forward to receiving more details from the DVR as this may be an excellent opportunity for us Crow Eaters to hire a bus for an official visit to kindred societies in Victoria.

The Castledare Miniature Railway in Perth, is having a 'Steam Meet' to celebrate 50 years of the Brotherhood of Live Steamers. Dates of the Meet are Saturday 8th January to Sunday 18th January 1983 inclusive. Further details may be obtained from the Secretary, or by contacting Jack Stanbridge, 31 Raymond Street, Mt. Pleasant W.A. 6153.

Steamranger Tours are having a Progressive Dinner on Saturday 11th December. It is a Mystery tour of some 100 kilometers and providing no fire ban exists a Steam Loco will haul the Centenary coaches. The tour starts at 6.20 p.m. and finishes at 1.20 a.m.

The all inclusive cost is \$29.80 each, those members interested can contact the Secretary and a group booking will be made.



CHIT CHAT



SOME HANDY HINTS.

Painting Brass and Copper

Remove grease and oil film with a solvent or petrol. Dissolve as much naphthalene (in flake form) in methylated spirits as will dissolve. Wash the brass or copper with this solution, allowing it to dry on the job in hand. Then apply one coat of metal primer and then the finishing coat. From the ILS Newsletter.

Lockwiring and twisting wire

Your hand brace doubles as a good wire twister. Just tighten the chuck around the ends of the wire and turn.

Solvent for solving Perspex problems.

Shavings of perspex dissolved in chloroform make an excellent cement and filler for perspex. Due to the rapid evaporation of chloroform, it should be kept in a tightly sealed container.

Diesel Fuel

Norm Kernich has given us the formula for making a 'super' Diesel Fuel, (non glow plug)

1 Part of Ether,
1 Part Castrol M
1 Part Kerosene
5% Redex

or

1 Part of Ether,
1 " Wakefield Castrol xx1
1 " Kerosene
2% Amyl Nitrate

Thanks Norm.

Let's talk about

Have received a comprehensive catalogue from Roscar Models from Portarlinton Victoria. They advise that they are producing under licence those popular boat Hulls of Kingston Mouldings of England.

The catalogue lists some 15 designs with the hull length between 35" to 39", and list such well known designs as the 'Boston Blenheim' and the 'Director Paddle Tug'.

The current cost of the Hull and Drawings vary from type to type and range from \$105. to \$140. For those interested the address for Roscar Models is P.O. Box 70, Portarlinton, 3223 Victoria.

While on the subject of trade catalogues, E & J Winter of Bolton Scale Models have a comprehensive illustrated catalogue at \$4.50, the address being P.O. Box 126 Wallsend 2287 N.S.W. Haven't received a catalogue from D.C. Richards for over 12 months now, do hope they are still available?

Believe that a few model engineers of note from Interstate are preparing to publish an Australasian Model Engineering Magazine in the near future. This is a welcome initiative by those concerned and we look forward to learning more of its development. It was prior to the 2nd World War that Australasia had its own magazine.

Recently we had the pleasure of the company of John Bull during a brief stay in Adelaide. His visit gave our geriatrics and unemployed the opportunity to have a mid-week play, and indeed, we all had a great time, especially those $7\frac{1}{4}$ boys playing with Cookies $3\frac{1}{2}$ Tich. We were interested in talking to John about his gripes about the rigidity and inflexibility of the Steel Boiler Code.

John informed us about the establishment of track and club on Bribie Island, just outside of Brisbane.

OUR CUPPA TEA

CANTEEN ROSTER

Sun.	5th Dec.	Arnold Stead, Peter Lewis, Phil Hart.
Sun.	2nd Jan.	Michael Potter, Gavin Thrum, John Nixon, Tom England.
Sat.	15th Jan.	Colin Rich, Trevor Livingston, Denys Irving.
Sun.	6th Feb.	Ralph McEvoy, Vic Thrum, Nina Brownlow.
Sat.	19th Feb.	Kurt Watts, Stuart Gamble, Bill Coles.
Sun.	6th Mar.	Eddie Halse, Kevin Herbertt, David Rich.
Sat.	19th Mar.	Kevin Halstead, Michael Halstead, Garry Fogarty.
Sun.	3rd April	Jack Mell, Michael Duane, Russell Vaux.
Sat.	16th April	Andrew Parrott, Peter Arnold, Hugh Whisson.
Sun.	3rd May	Jim Degotardi, Peter Cockburn, Gareth Rich.
Sat.	21st May	John Moorfield, Roger Giesecke, John Hamann.



LOCK UP

PLAY DAYS

12th Dec.	Peter Denholm
16th Jan.	Bill Coles
15th Feb.	Jeff Schaefer
15th Mar.	Vic Thrum

INFORMAL MEETING

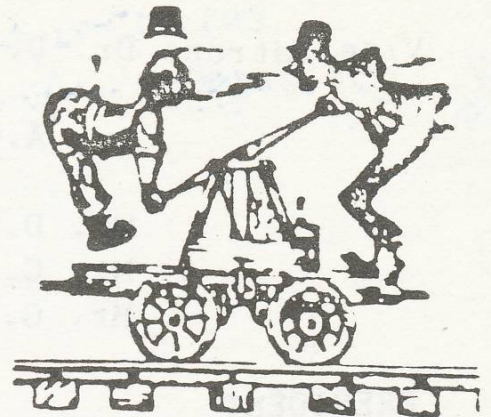
25th Jan.	Colin Cook
22nd Feb.	Jack Davey
22nd Mar.	Vic Thrum



Rosters

BOILER ROSTER

Sun. 5th Dec.	Alan Brabham
Sat. 2nd Jan.	Mike Bradford
Sat. 15th Jan.	Colin Cook
Sun. 6th Feb.	Tom Fowler
Sat. 19th Feb.	Joe Hendry
Sun. 6th Mar.	Bob Scanlon
Sat. 19th Mar.	Colin Cook



LOCOMOTIVE ROSTER

Sun 5th Dec.

Barry Dunstan
Phil Waugh
Bert Francis
Howard Bateup
Fred Gordon

Sun. 2nd Jan.

Alan Lethbridge
Barry Dunstan
Frank Lee
Ian Clark
Alec Bradley
Bert Francis

Sat.15th Jan.

Bob Smith
Allan Lewis
Phil Waugh
Keith Besley
John Beal

Sun 6th Feb.

Alec Bradley
Howard Bateup
Bert Francis
Barry Dunstan
Ian Clark

Sat.19th Feb.

Fred Gordon
Keith Besley
Phil Waugh
Frank Lee
John Beal

Sun. 6th Mar.

Allan Lewis
Barry Dunstan
Allan Lethbridge
Alec Bradley
Howard Bateup

Sat 19th Mar.

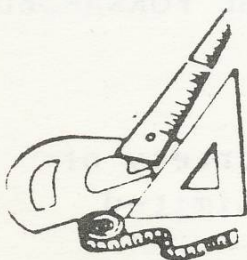
Ian Clark
Frank Lee
Bert Francis
Keith Besley
John Beal

Sun. 3rd April

Allan Lethbridge
Barry Dunstan
Alec Bradley
Howard Bateup
Phil Waugh

Sat.16th April

Ian Clark
Allan Lewis
Keith Besley
Frank Lee
Bert Francis



Patron Mr. F.R. Harris,

General Manager, S.T.A.

Vice Patrons Dr. D. Williams,

General Manager,
Australian National

A.G. Flint,

Director, Road Safety &
Motor Transport.

Mr. D.R. Harvey OAM, Director, Steam Ranger ARHS

Mr. C. Schaumloffel, Australian National

Mr. G. Nicolson, Tregalana, Whyalla

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VICE PRESIDENTS

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J. Schaefer

ASSISTANT TREASURER

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O. Thomas H. Bateup

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J. Beal

GROUND LEVEL TRACK

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T. England, J. Davey, W. Brownlow.

SECRETARY & EDITOR

P. Denholm

Box 263

STIRLING S.A. 5152

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North Terrace,
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